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354CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

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COUNTRY USSR

SUBJECT Atom Plants and Bases in the USSR
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1. Atomic research stations in Central Asia are, from West to East:
 - a. In the Turkistan Soviet Republic - "Expeditisia" at Syernyzavod near Ashkabad; about 38° N, 58° east of Greenwich.
 - b. In the Uzbekistan Soviet Republic - "Expeditisia", at Andizhan, Fergana-Tal, about 41°, 73° E. of Greenwich.
 - c. In the Kazakstan Soviet Republic - "Expeditisia" near Alma-Ata, about 43.5° N, 77° E. of Greenwich.
 - d. In the Khirgiz Soviet Republic - "Expeditisia" Przevlavsk on Issyk-Kul Lake, about 43° N, 79° E of Greenwich.
 - e. In the Altai Mountains - "Expeditisia" Gorno Altaysk and Barnaul, about 49° or 53° N (uncertain), 82° E of Greenwich.
2. The Alma-Ata plant has several research stations. Near Alma-Ata are three other stations: Tekeli, Talgar and in the Zhungarski Ala-tau Mountains. The objective of these stations is research in the upper levels of the atmosphere and in mountain water bases in connection with the atomic process and cosmic rays. Also information about atomic explosions in the USSR and other countries.
3. The Alma-Ata astrophysical laboratory has an atomic reconnaissance station, probably the only one in Central Asia. This station determines direction, distance, kind and strength of atomic explosions. Since March 1953 this station has also undertaken

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25X1X research to determine whether atomic materials are being carried in airplanes or special holders. (COMMENT: A kind of atomic radar.)

4. The radio station of the Alma-Ata installation is served by army technicians who use secret keys, not even known to the scientists, Perdidski, Kozakov and Sobotin. Machines, equipment and research material are shipped from Moscow, raw materials from Yoshkarals, Tiflis and Karaganda. All come by air, with the planes under fighter escort. The Alma-Ata base has eight transport planes for connections with Moscow and the installations in Aktai, Usbegistan, the Caucasus and Turkistan, as well as smaller planes for short hauls.
5. The installations mentioned above are connected with the military stations at Eupatoria in the Crimea, Krassnodar and Tiflis. The stations are served by special groups of scientists from the Institute for Mathematics and Physics and the Institute for Astrophysics.
6. There are also stations at Novosibirsk, about 55° N, 83° E of Greenwich, and Irkutsk, about 52.5° N, 104.5° E of Greenwich, but nothing further is known about them.
7. The Kuldja, Alma-Ata and Przevalsk stations belong to a single complex. The plants at Tuja Mujun and Andizhan form a complex. So do the plants at Leninakan and Tiflis. It is possible that Tannu-Tuva, Sludyanka and Irkutsk also form a complex.

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